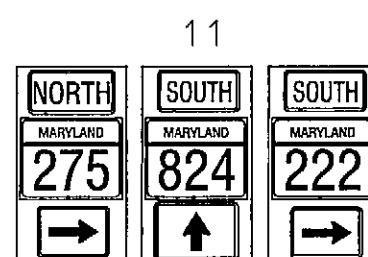


US222/MD 275 IS ASSUMED TO RUN IN  
A NORTH-SOUTH DIRECTION

#### EXISTING SIGNS

##### TO REMAIN

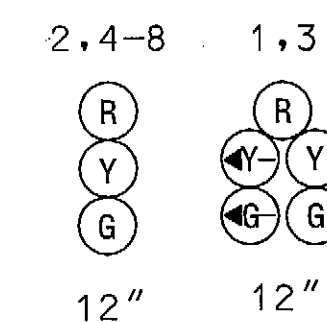


#### EXISTING SIGNS

##### TO BE REMOVED

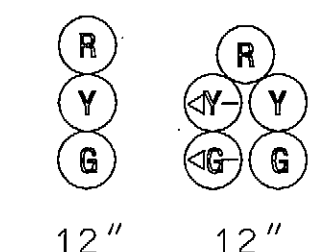


#### PROPOSED LED SIGNALS

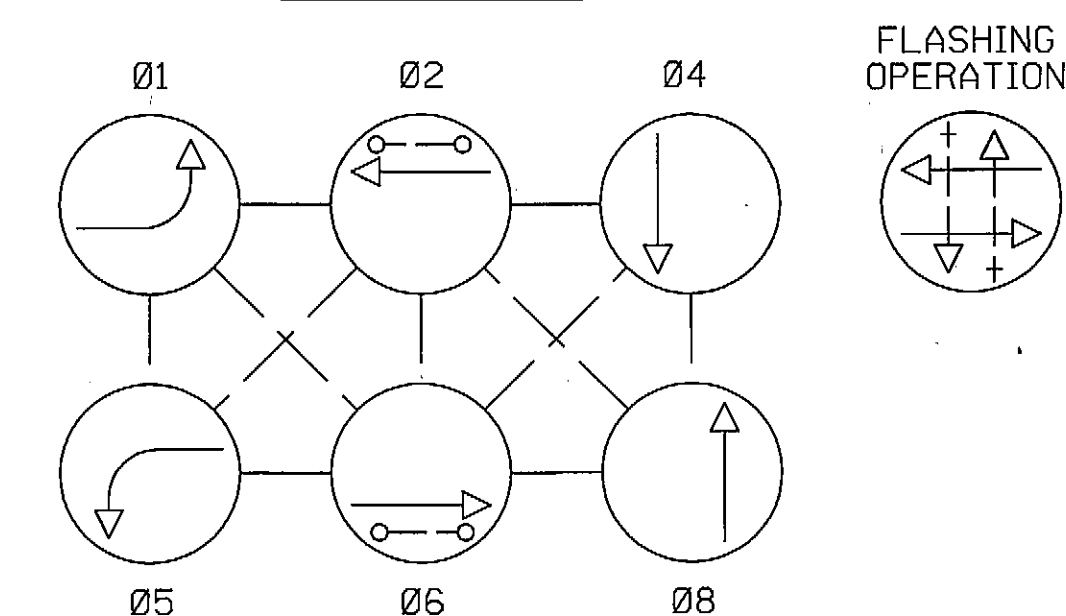


#### EXISTING SIGNALS

##### TO BE REMOVED

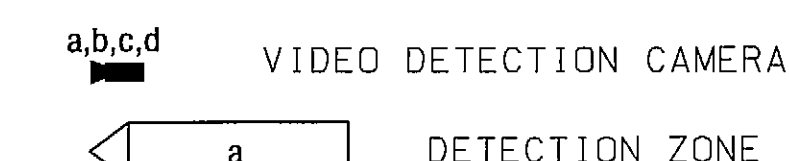


#### NEMA PHASING



NOTE:  
PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.  
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

#### PROPOSED VIDEO DETECTION CAMERA



#### CONSTRUCTION DETAILS

- (A) INSTALL NEW SIZE 6 BASE MOUNTED CABINET AND CONTROLLER WITH ALL NECESSARY EQUIPMENT. (NOTE: 2-2 IN. AND 2-4 IN PVC CONDUIT BENDS).
- (B) INSTALL METERED SERVICE PEDESTAL
- (C) INSTALL ELECTRICAL HANDHOLE.
- (D) INSTALL 3 IN PVC CONDUIT BEND INTO EXISTING TRAFFIC SIGNAL POLE BASE.
- (E) INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED.
- (F) INSTALL 4 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - BORED.
- (G) INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED.
- (H) INSTALL 3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - BORED.
- (J) INSTALL 3 IN. SCHEDULE 80 RIGID SEAMLESS PVC ELECTRICAL CONDUIT FOR NON-INVASIVE PROBE - BORED.

#### CONSTRUCTION DETAILS

- (K) INSTALL MICROLOOP PROBE WITH 500 FT. LEAD IN DETECTOR CABLE.
- (L) INSTALL NON-INVASIVE DETECTOR WITH 500 FOOT LEAD IN CABLE AS SPECIFIED IN MD 815.03.
- (M) REPLACE EXISTING SIGNAL HEAD WITH NEW LED SIGNAL HEAD AS SHOWN.
- (N) INSTALL VIDEO DETECTION CAMERA.
- (O) REMOVE HANDHOLE. CAP AND ABANDON CONDUIT.
- (P) INSTALL 2 NO. 3 IN PVC RISERS. STUB CONDUIT AT POLE BASE - UTILITY COMPANIES TO MAKE FINAL CONNECTION.
- (Q) ABANDON EXISTING DETECTOR AND ASSOCIATED LEAD-IN CABLE.
- (R) REMOVE EXISTING POLE MOUNTED CABINET, CONTROLLER AND RELATED EQUIPMENT AFTER NEW CONTROLLER IS FULLY FUNCTIONAL AND IN OPERATION. (NOTE: PLUG UNUSED HOLES IN EXISTING TRAFFIC SIGNAL POLE.)
- (S) PROPOSED INTERCONNECT. SEE INTERCONNECT PLAN FOR INTERCONNECT WIRING AND DETAILS.
- (T) INSTALL 2 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - TRENCHED.
- (U) INSTALL 1 INCH ELECTRICAL CONDUIT GALVANIZED SLEEVE - SLOTTED.

#### GENERAL NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLES TO THE APPROPRIATE TERMINALS AND PROPERLY LABELING EACH CABLE.
- ALL UNUSED CABLE SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR.
- UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING "MISS UTILITY" PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

TOD NO: XX224-01  
SHA NO: CE355A51/B51  
MD 222 MD 275/ ST MARKS DR

**SHA**

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
US 222 AT MD 275

#### TRAFFIC SIGNAL PLAN

SCALE: 1" = 20' ADVERTISED DATE: 11/14/1992 CONTRACT NO.: AT9135185

DESIGNED BY: J. SPENCE COUNTY: CECIL  
DRAWN BY: BRUCE THOMPSON LOGMILE: 07022202.18  
CHECKED BY: TIMS NO.:  
F.A.P. NO.: TOD NO.:  
TS NO. 302E DRAWING TS-1 OF 2 SHEET NO. 12 OF 15

APPROVALS	REVISIONS
TEAM LEADER	7/1/2008 INSTALL LED'S, VIDEO DETECTION, BASE CABINET, MASTER AND LOCAL CONTROLLER SHA# AT9135185
ASST. DIV. CHIEF	AP 1 MD 275/ ST MARKS DR
DIVISION CHIEF	D 3/24/1997
OFFICE DIRECTOR	AS BUILT
	SHA# AW 101 A5A / AW 101 B5A
	RRZ
	C JULY 1998 UPGRADE TO FULLY ACTUATED TRAFFIC SIGNAL WITH 8 LECTS FOR NB US 222 AND SB MD 275

**Edwards  
and Kelcey**

100 South Charles Street  
Tower 2, Suite 1000  
Baltimore, MD 21201

PLOTTED: Wednesday, December 10, 2008 at 9:38:01 AM  
FILE: pSG-P001\_MD222atMD275.dgn